



```
graph TD; 12[Receive environment of each wireless device] --> 14[Use the environment of each device to determine web sites most likely to be requested by a user in that environment]; 14 --> 16[Push identifiers of the web sites most likely to be requested to each respective wireless device for selection by the user]; 16 --> 18[Use the URLs of the most likely requested sites to automatically suggest searches, and for "lookahead" data entry responses on the wireless devices]; 18 --> 20[Automatically pre-fetch content and web pages from the URLs in times when bandwidth is not in use];
```

12 Receive environment of each wireless device

14 Use the environment of each device to determine web sites most likely to be requested by a user in that environment

16 Push identifiers of the web sites most likely to be requested to each respective wireless device for selection by the user

18 Use the URLs of the most likely requested sites to automatically suggest searches, and for "lookahead" data entry responses on the wireless devices

20 Automatically pre-fetch content and web pages from the URLs in times when bandwidth is not in use

FIG. 2

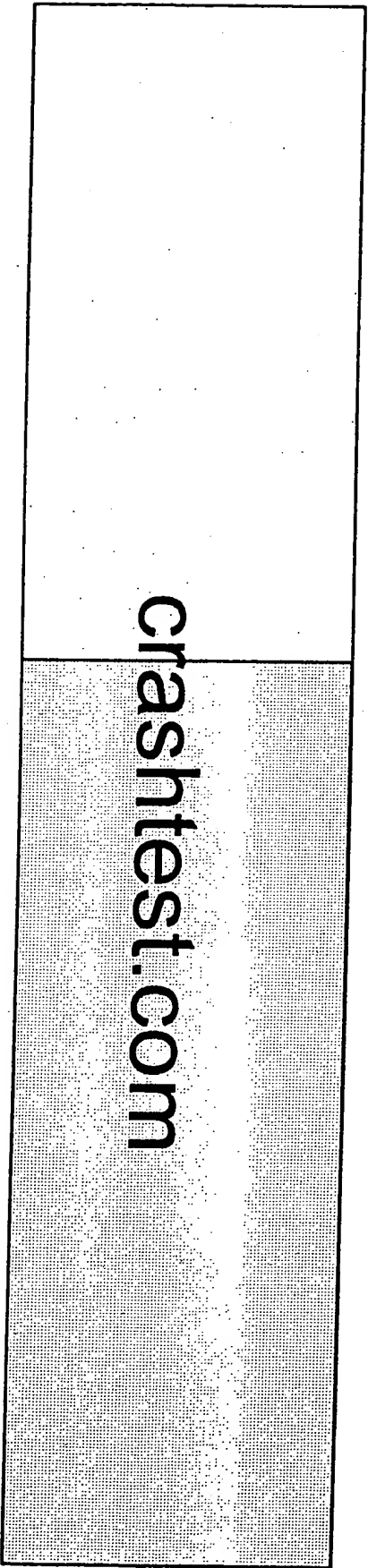


Figure 3

Collect data on what URLs  
are accessed from which  
environments & categorize  
according to type

Analyze collected data  
for patterns of use

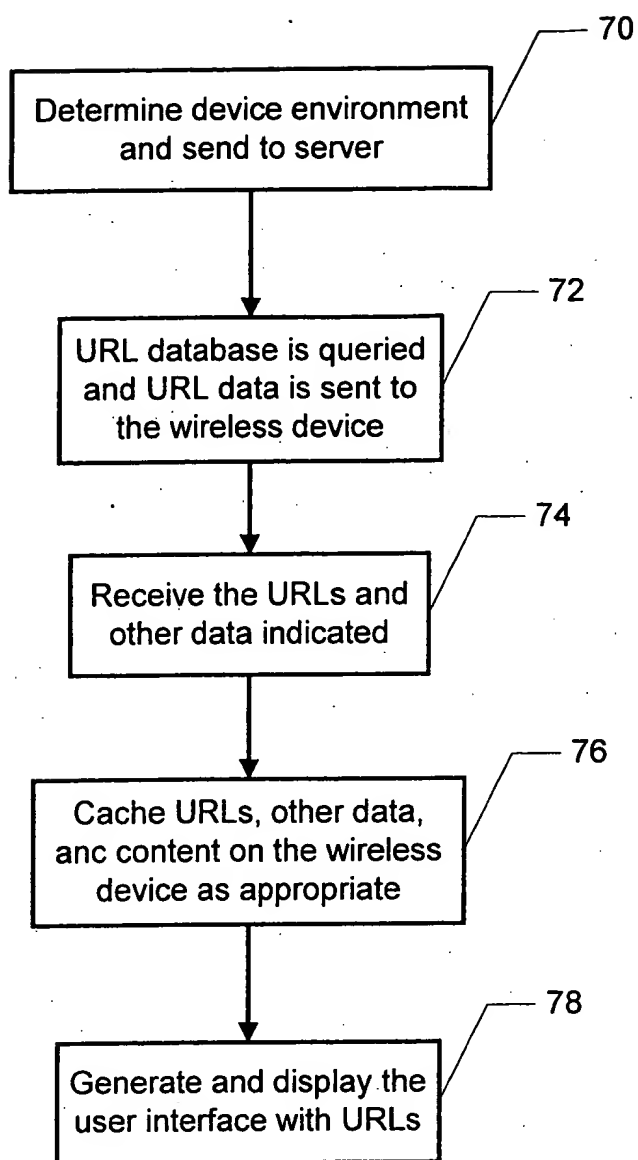
Form or update URL database  
based on patterns of use

Augment URLs for an environment  
with URLs from similiar environments  
(i.e., related or same category)

## Service Database Process

FIG. 4

**SECRET**

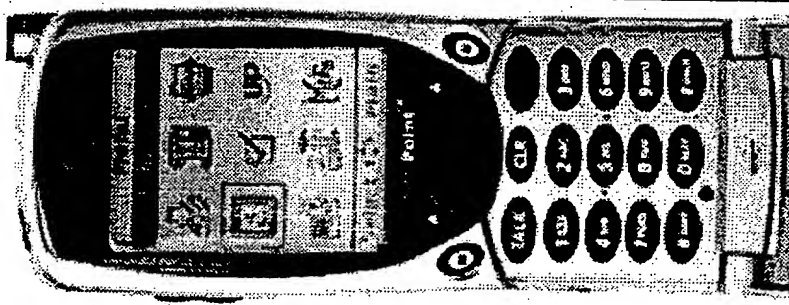


# Wireless Device Process

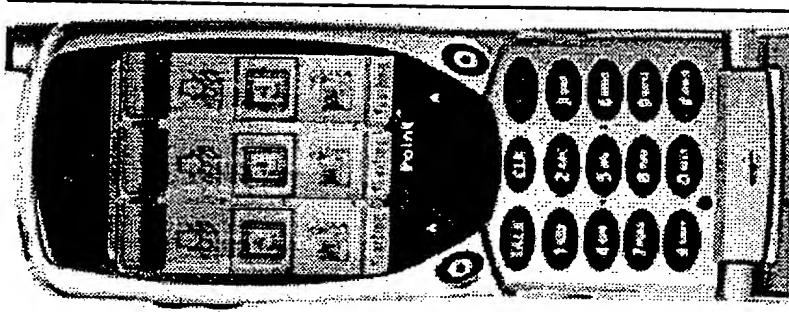
FIG. 5

00000000000000000000000000000000

## Location A



## Location B



## Figure 6